

Figure 1

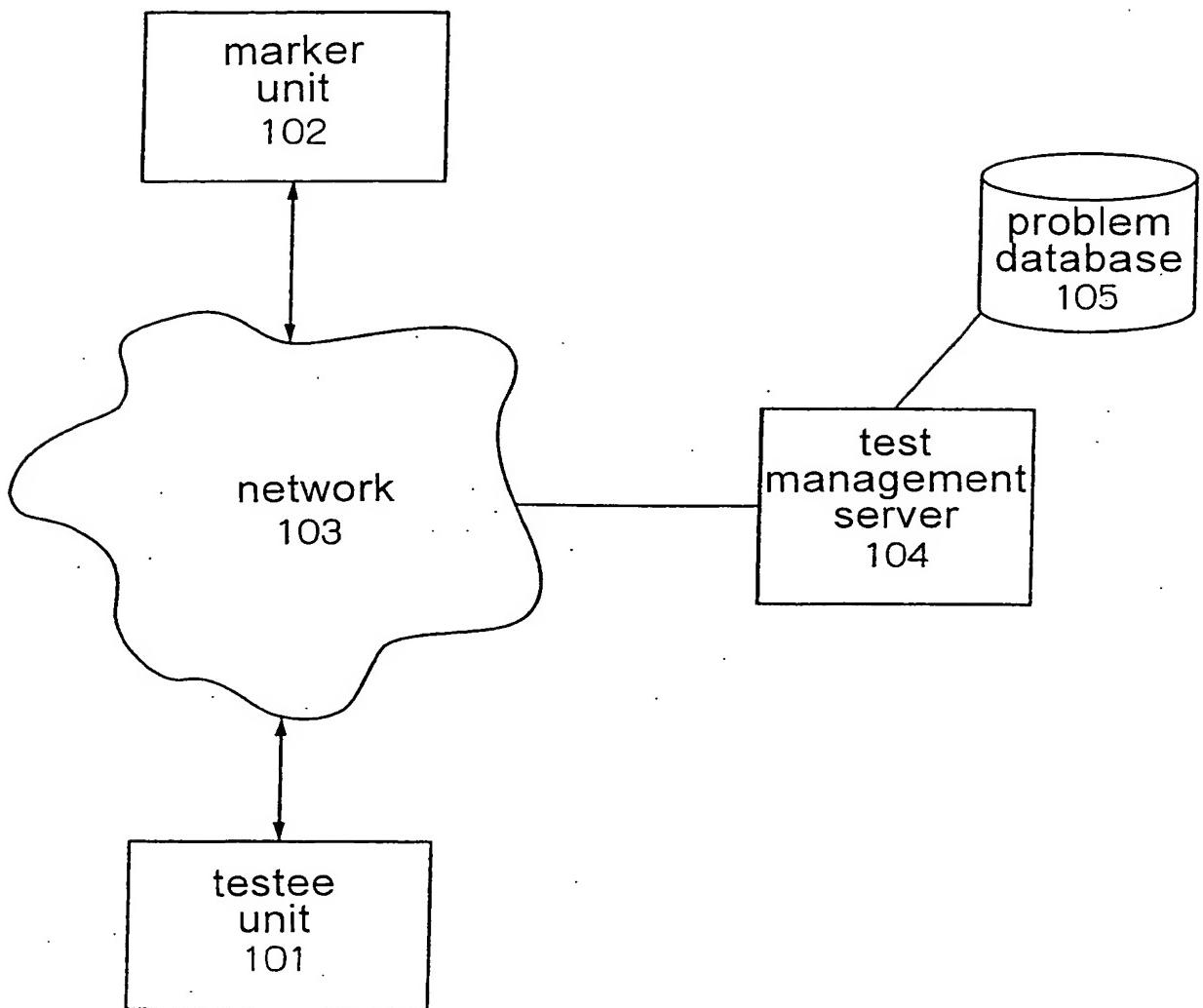


Figure 2

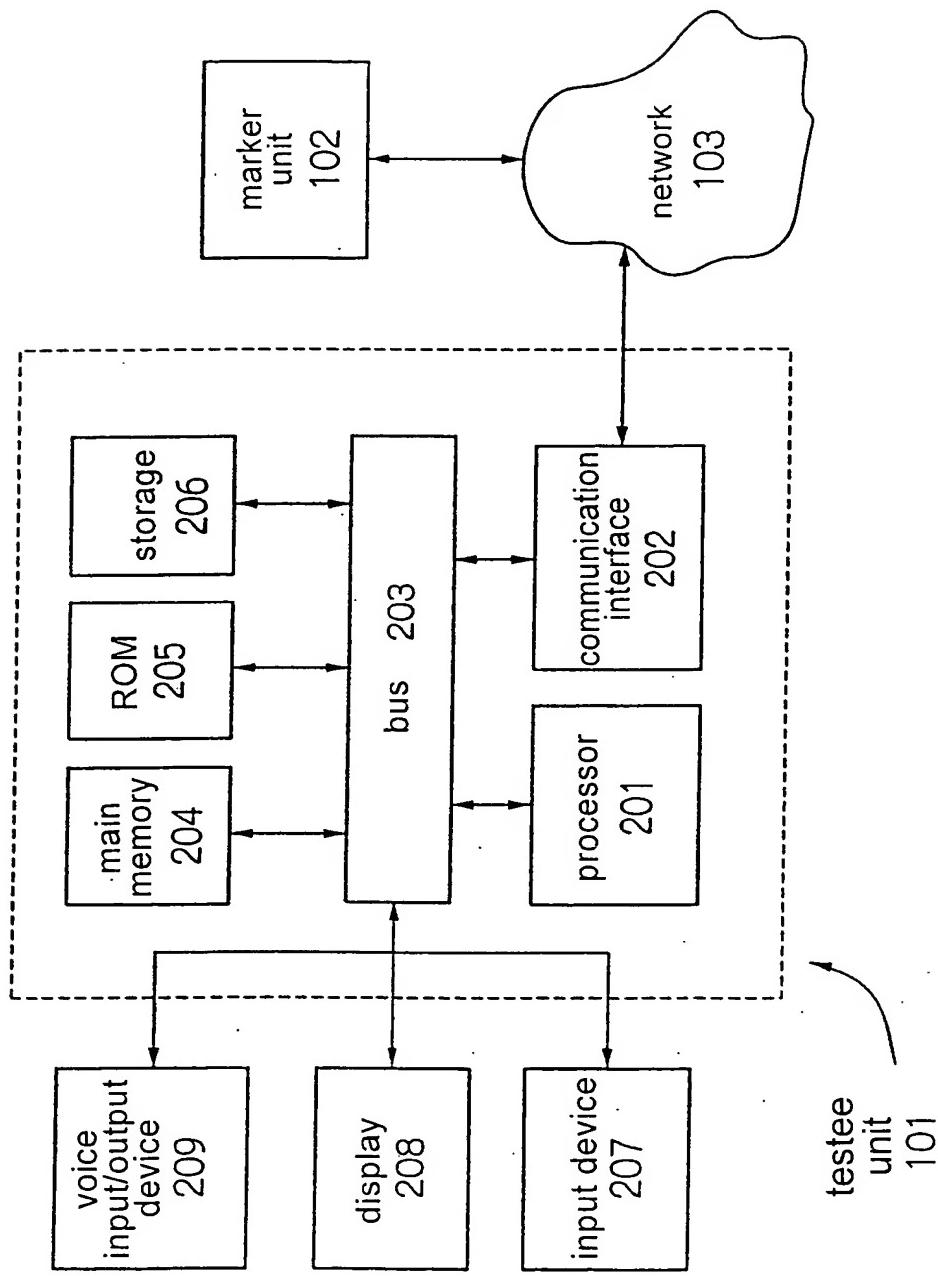
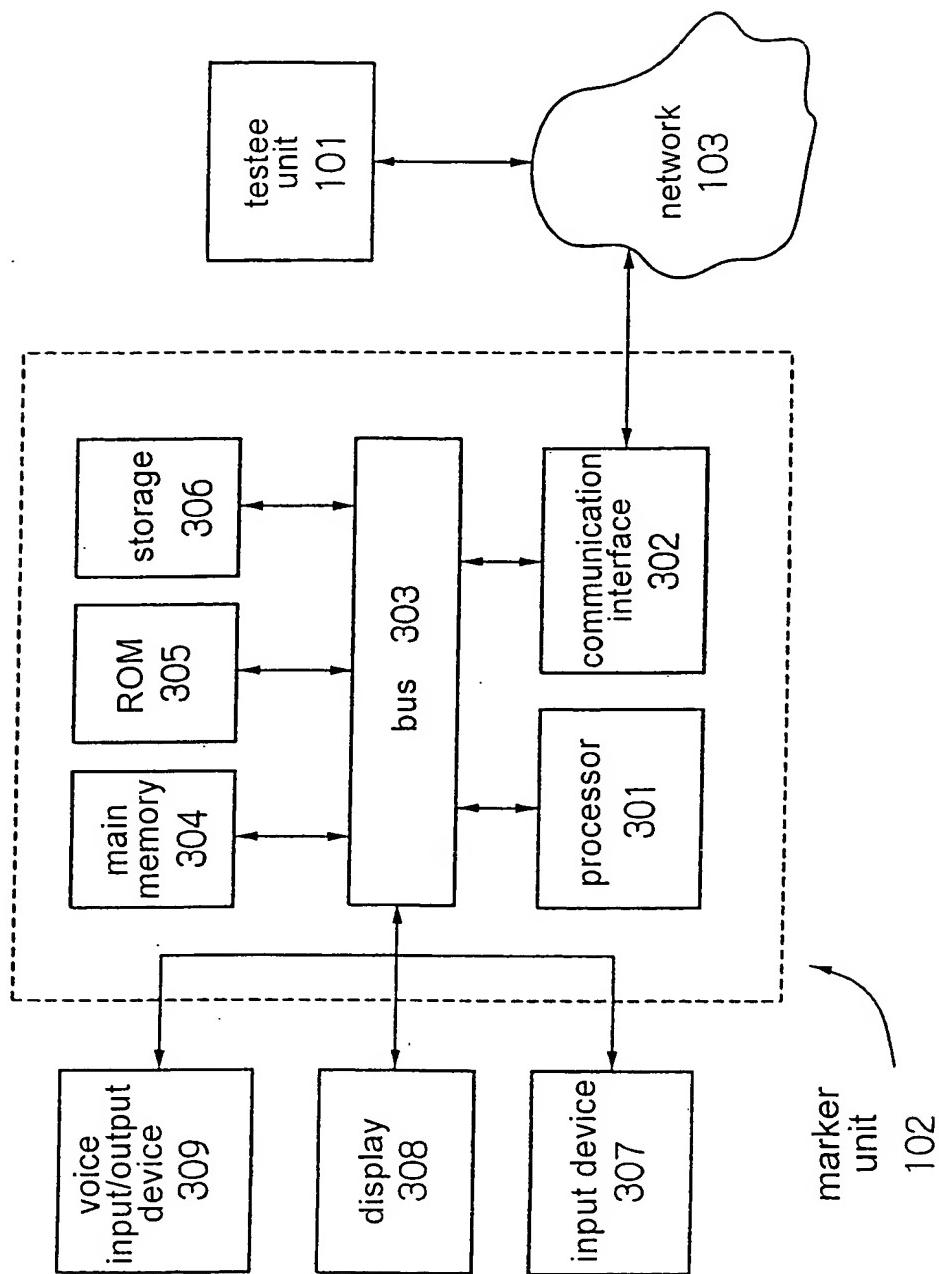
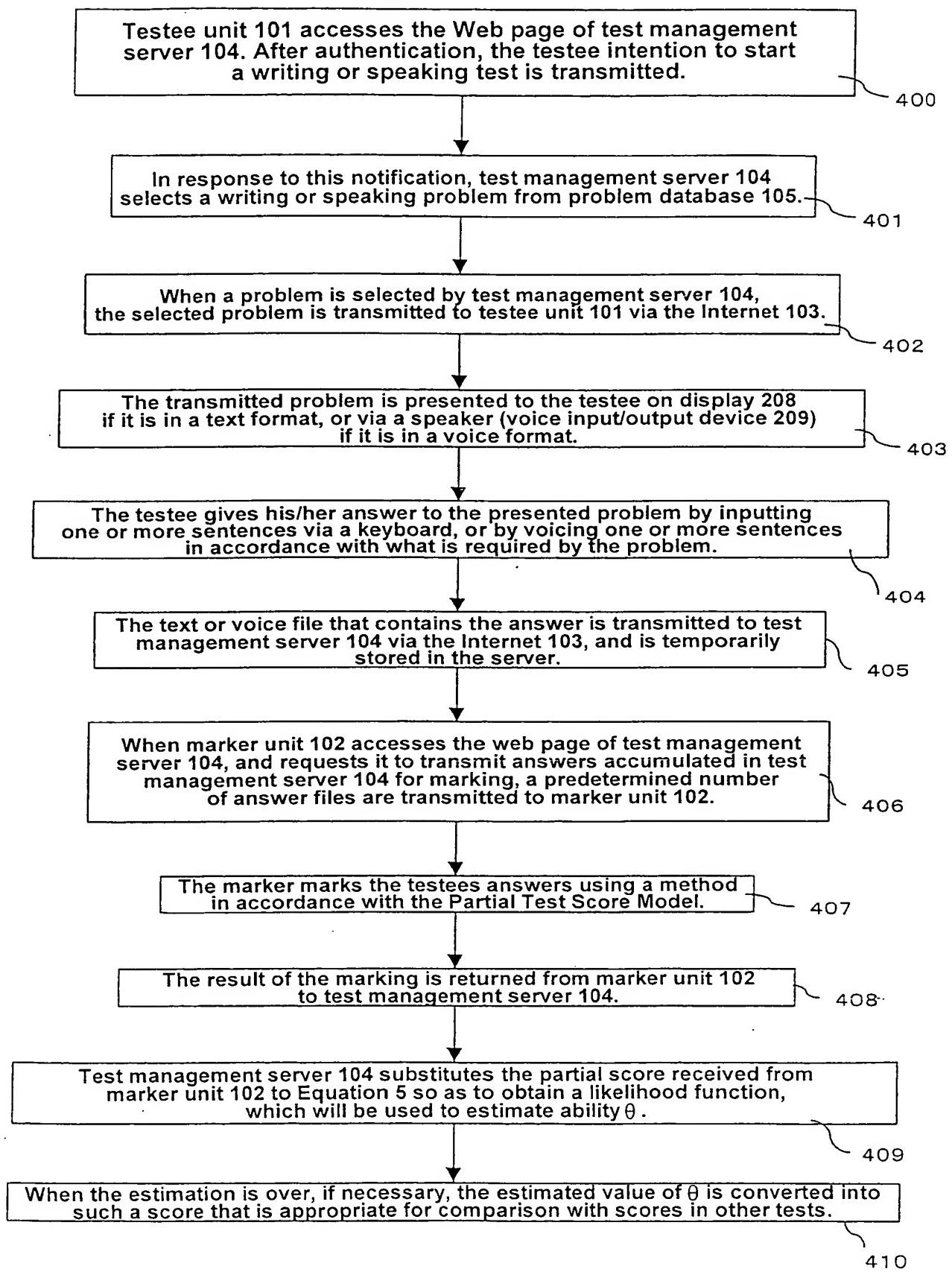


Figure 3



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Figure 4



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Matter No.: 13460-003US1  
Applicant(s): Hitoshi Yamashita et al.  
TEST SYSTEM AND CONTROL METHOD

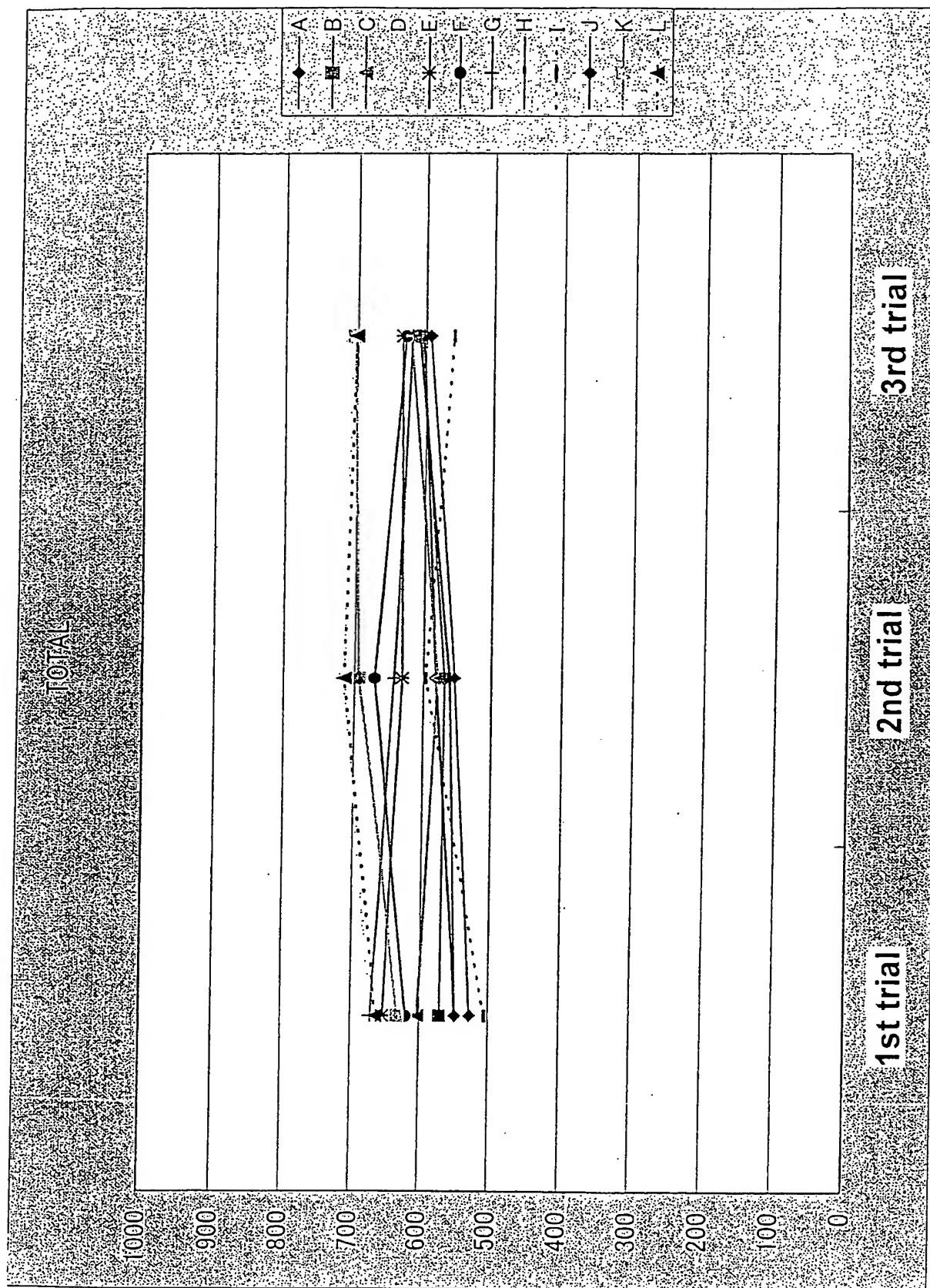
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### Figure 5

	average of 1st trial	average of 2nd trial	average of 3rd trial	variance
listening (250 pts.)	154.2	160.8	158.2	6.6
reading (250 pts.)	158.5	166.9	177.0	18.5
writing (250 pts.)	147.1	150.9	154.8	7.7
speaking (250 pts.)	142.1	147.5	142.3	5.4
total score (1000 pts.)	601.8	625.9	632.3	30.5

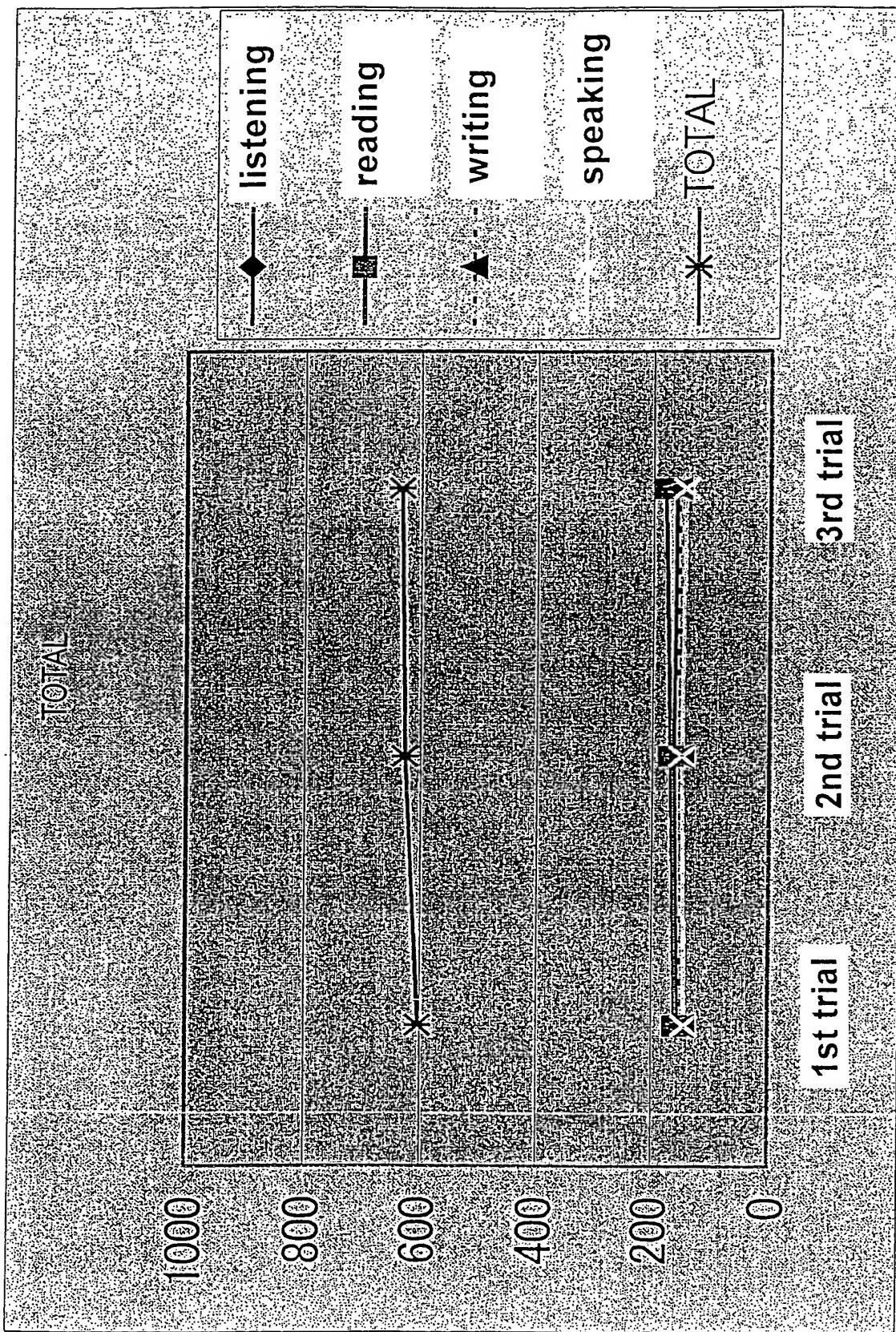
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Figure 6 a



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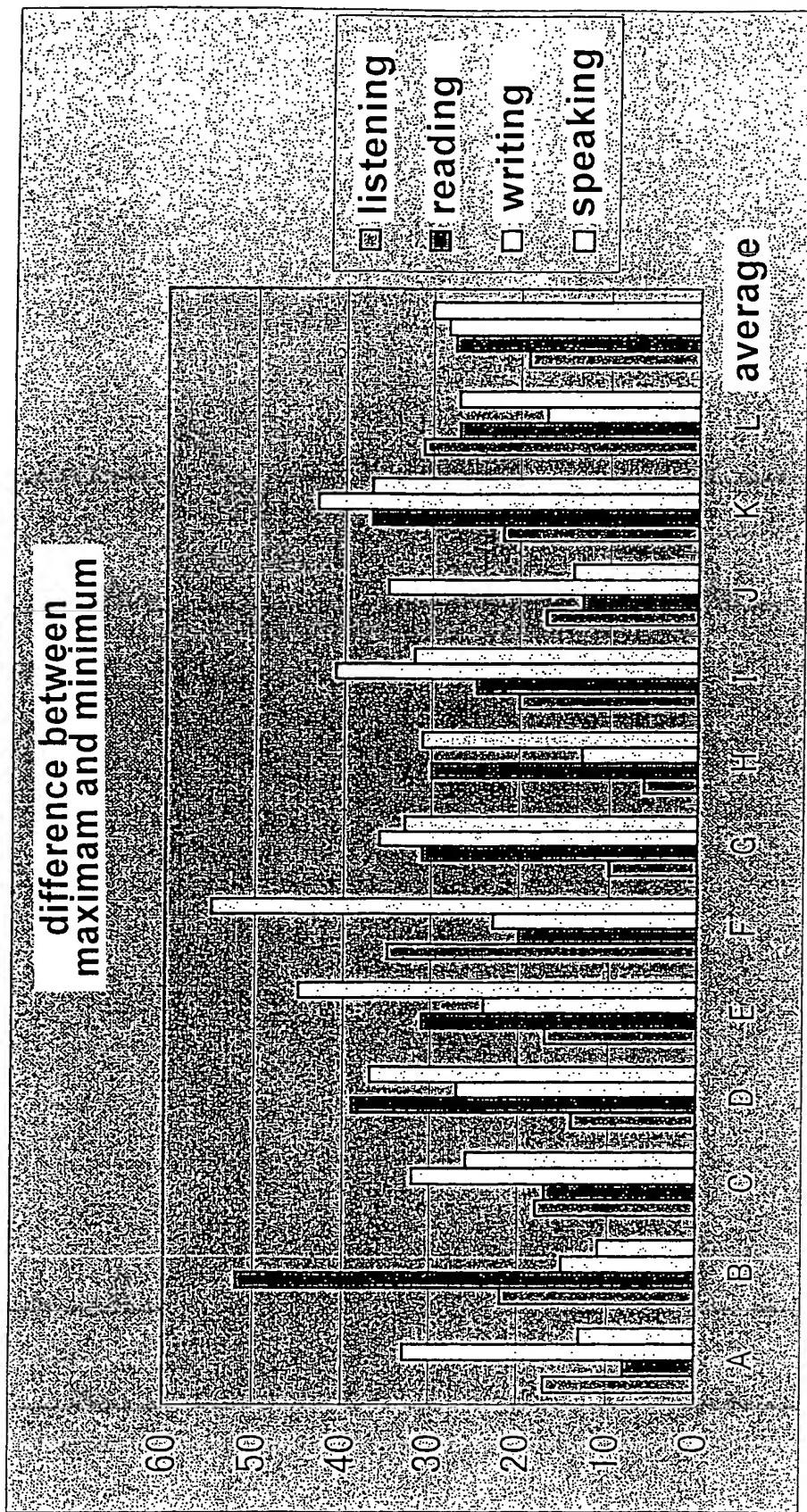
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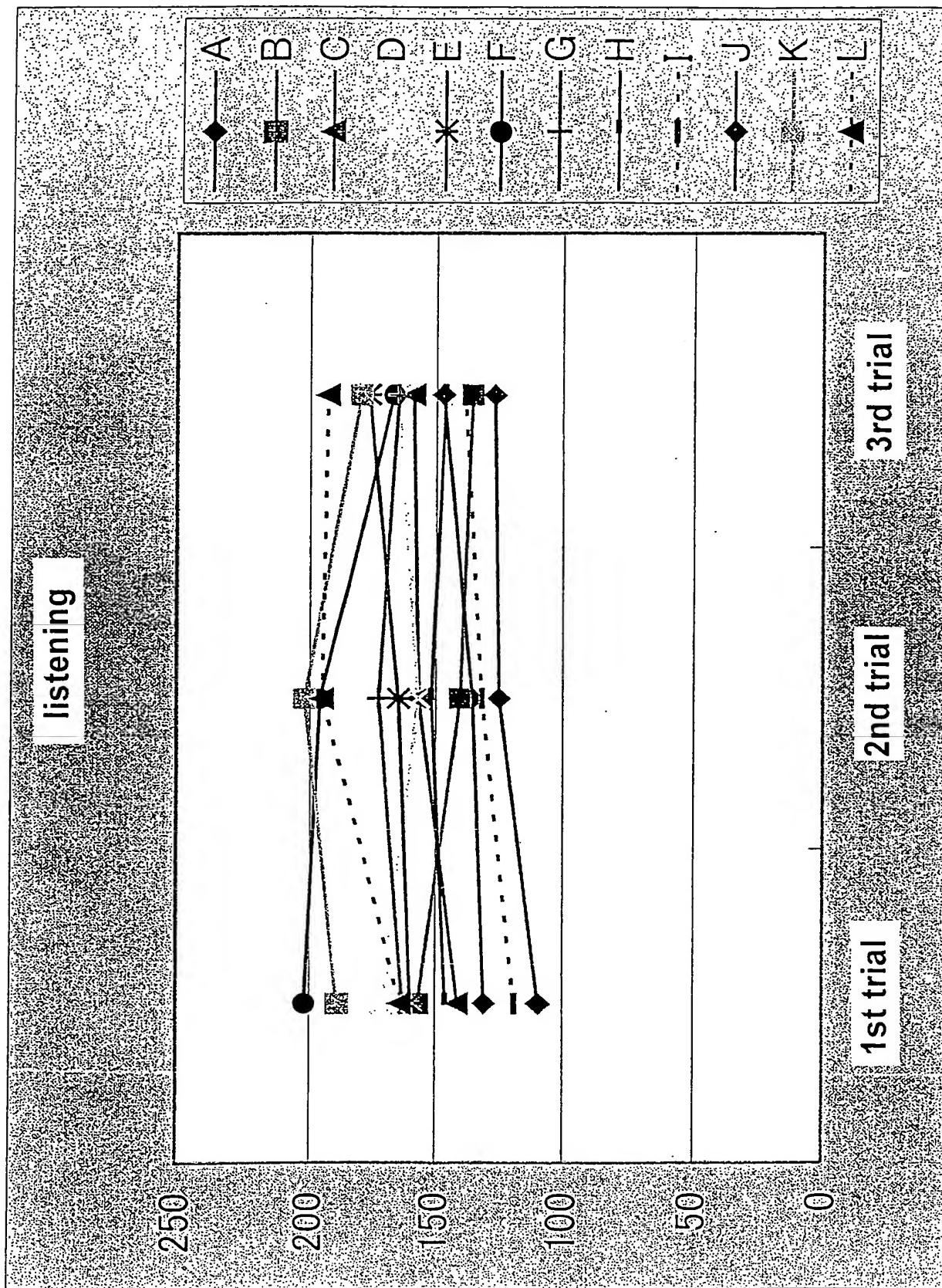
Figure 6 c



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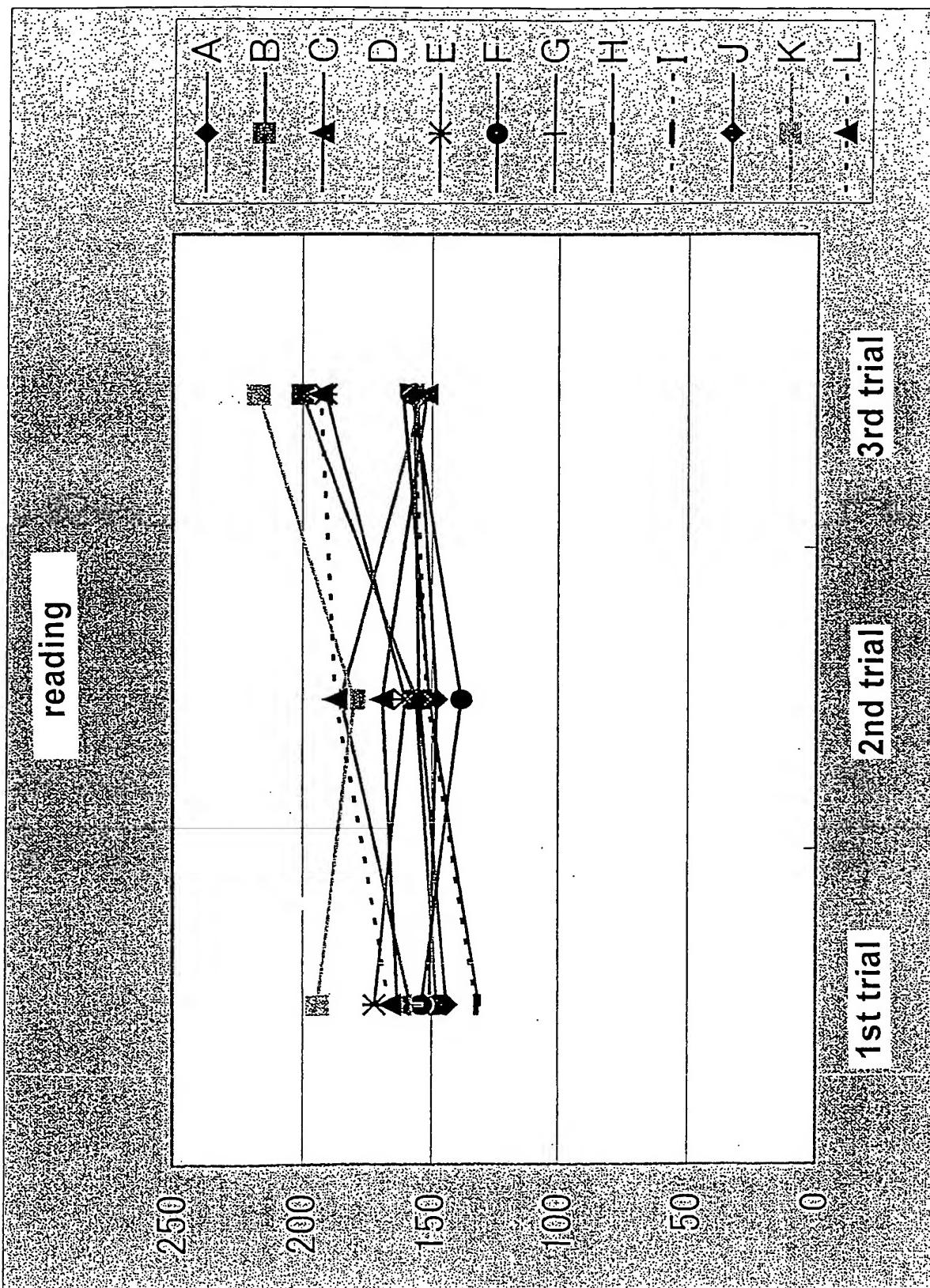
Figure 6 d



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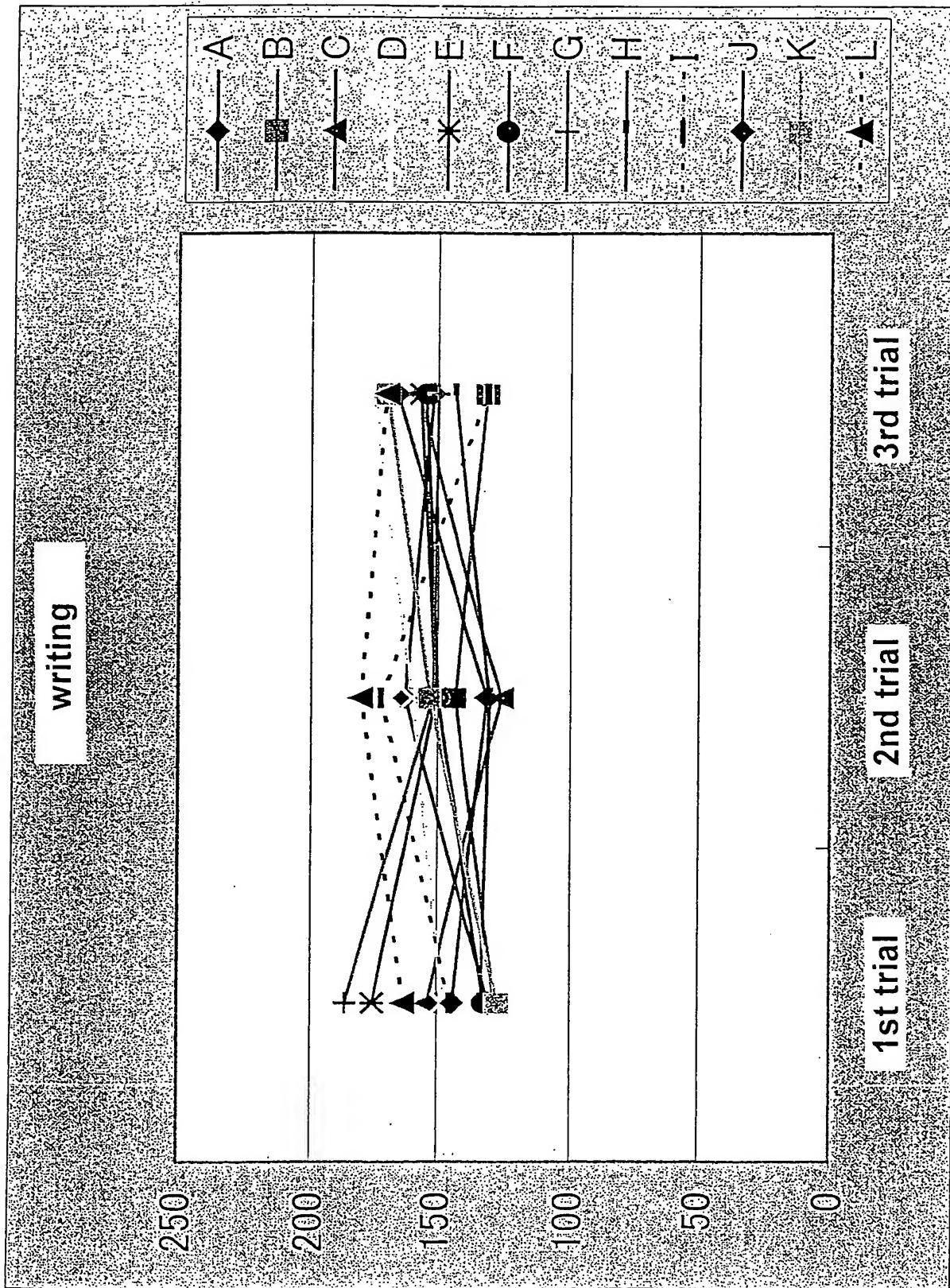
Figure 6 e



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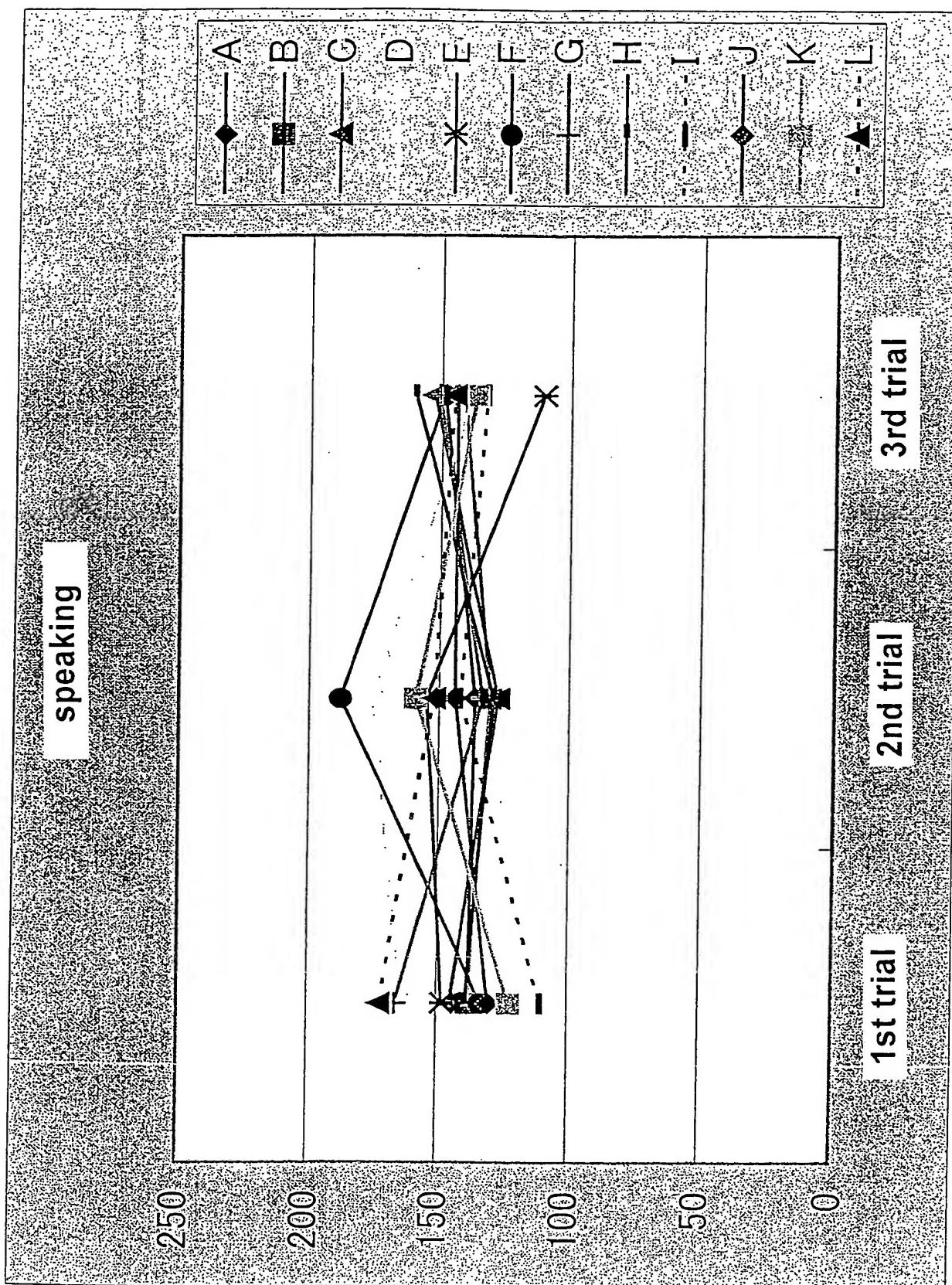
Fig. 6 f



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Figure 6 g



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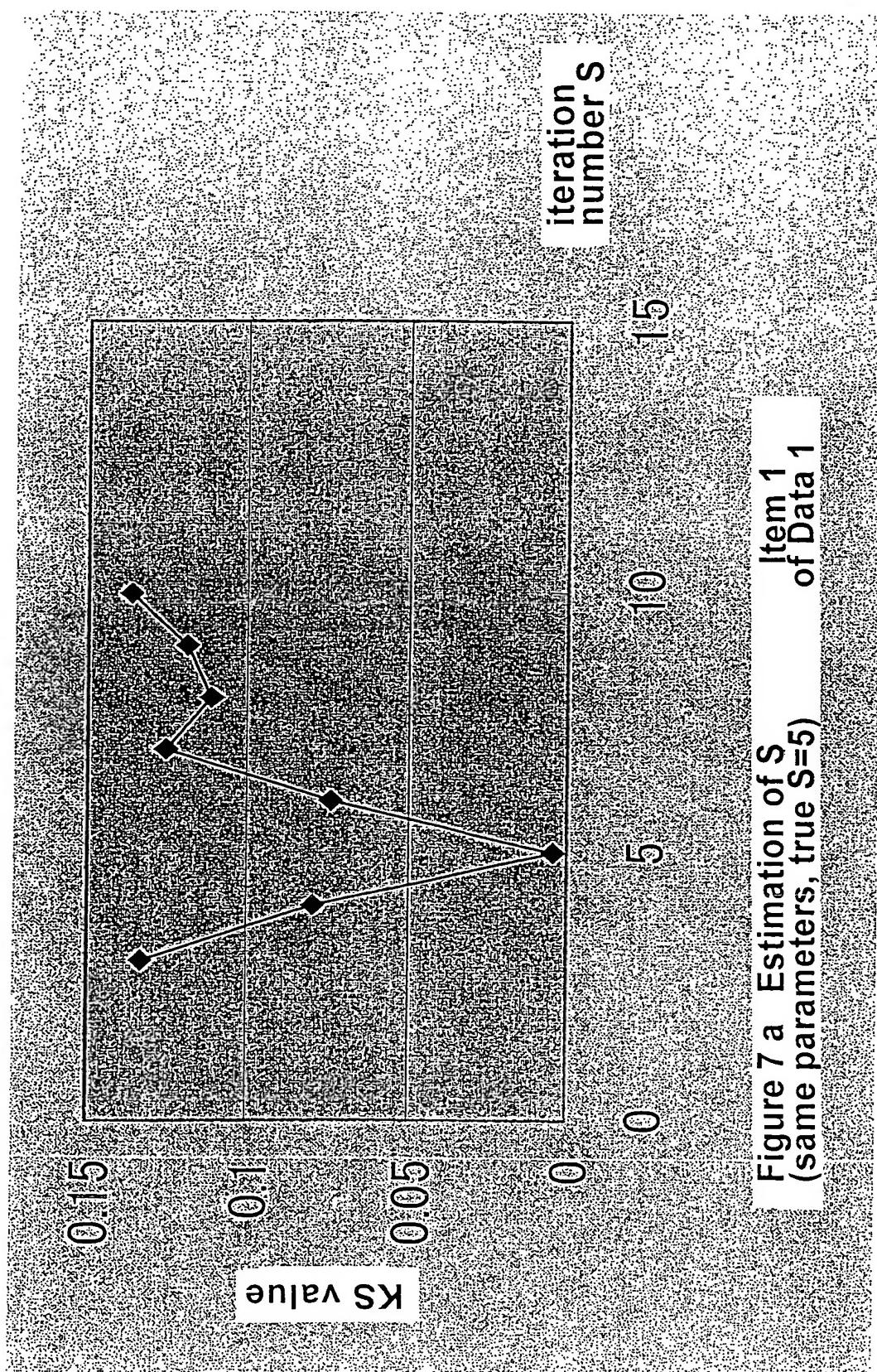


Figure 7 a Estimation of  $S$   
(same parameters, true  $S=5$ )  
Item 1  
of Data 1

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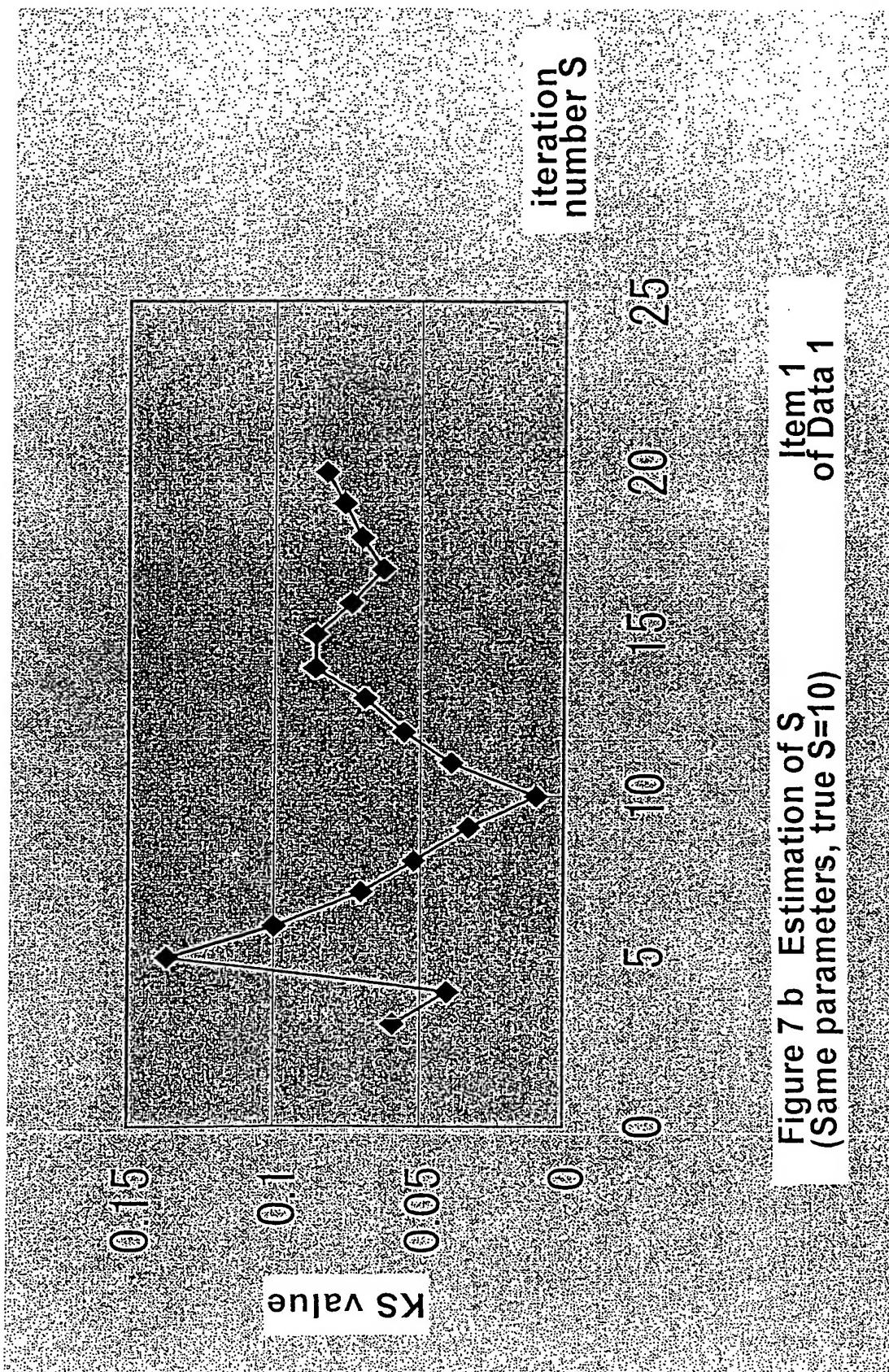


Figure 7 b Estimation of  $S$   
(Same parameters, true  $S=10$ )  
Item 1  
of Data 1

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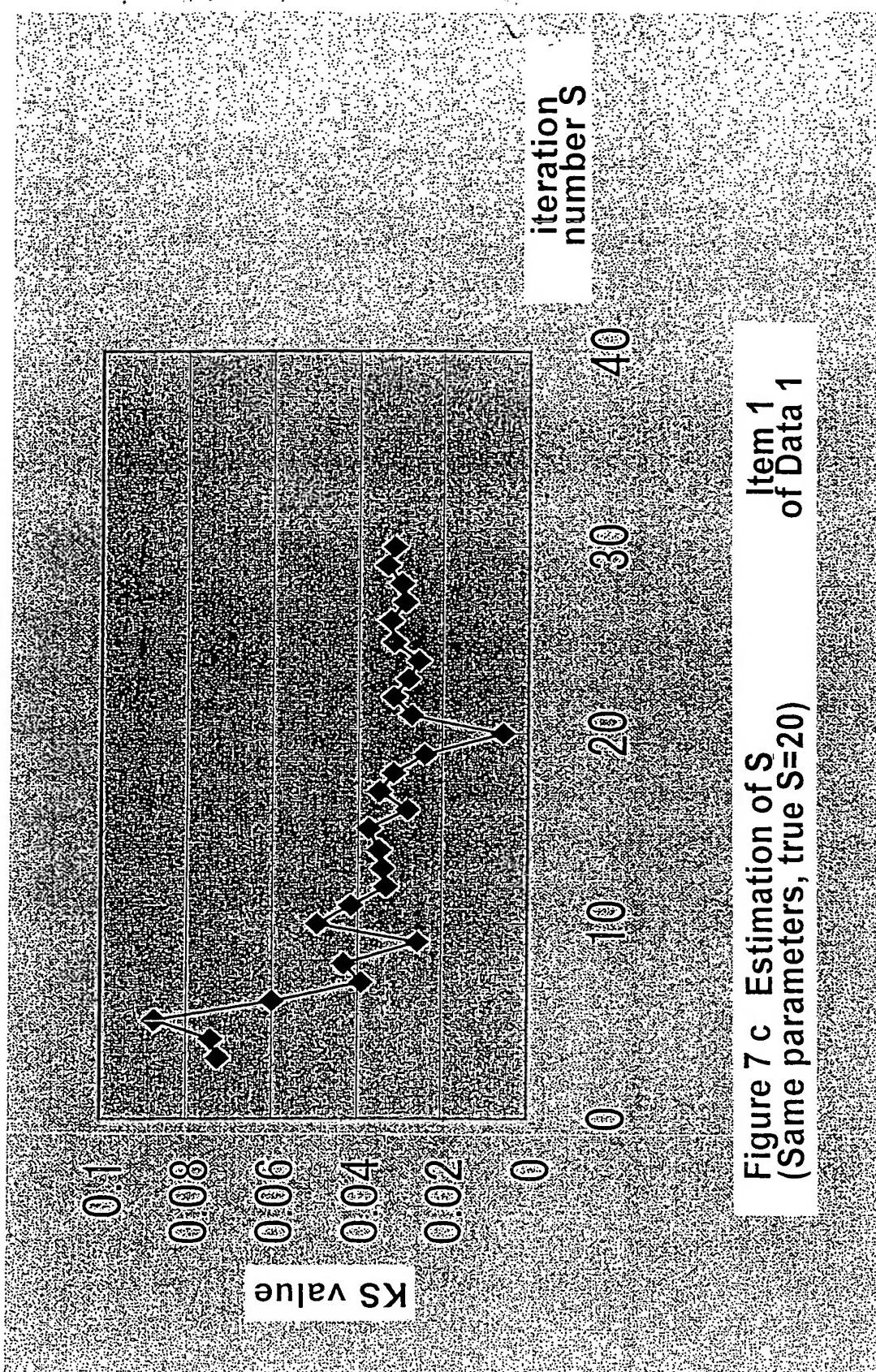


Figure 7 c Estimation of  $S$   
(Same parameters, true  $S=20$ )

Item 1  
of Data 1

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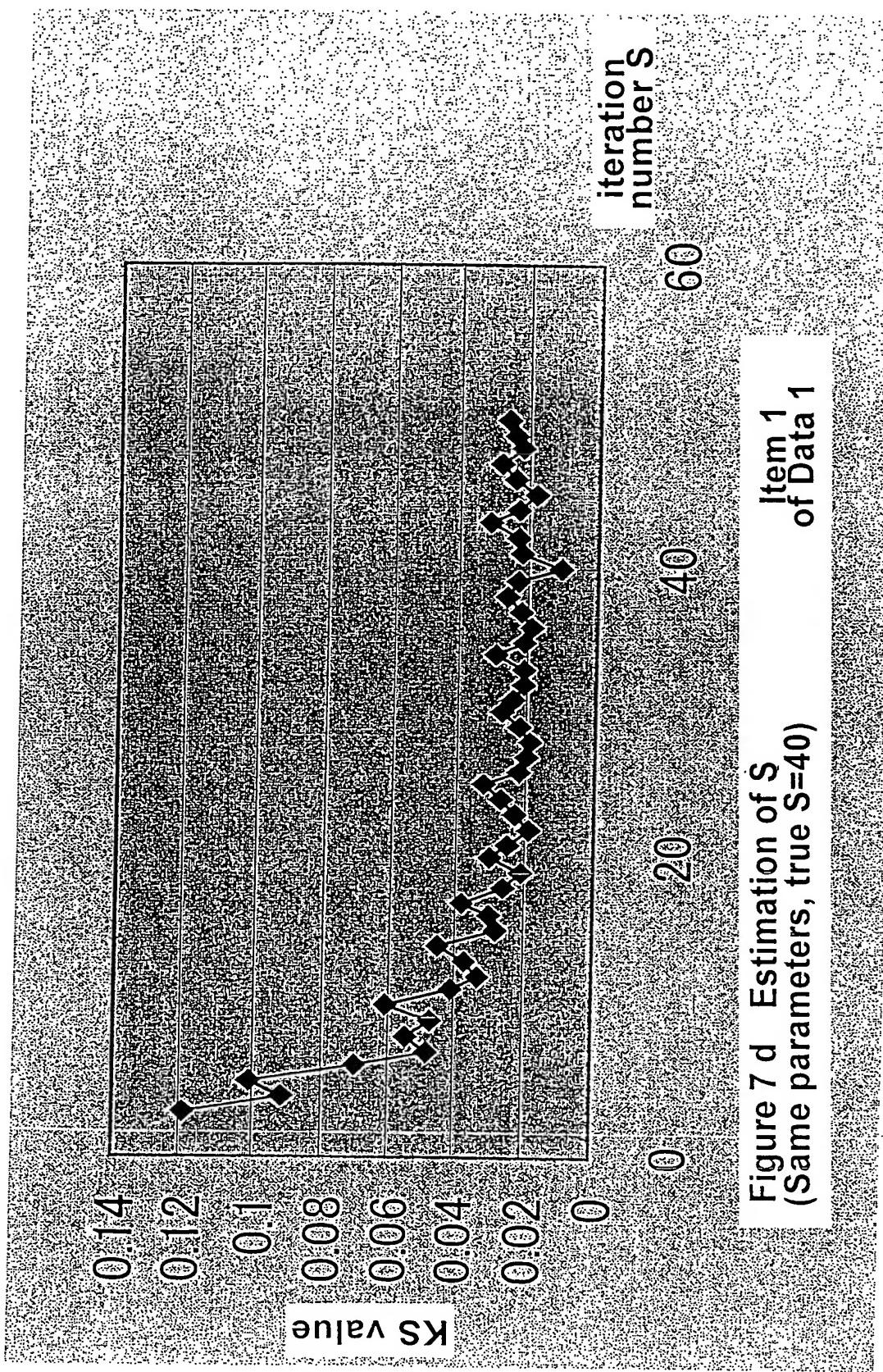


Figure 7 d Estimation of S  
(Same parameters, true S=40)

Item 1  
of Data 1

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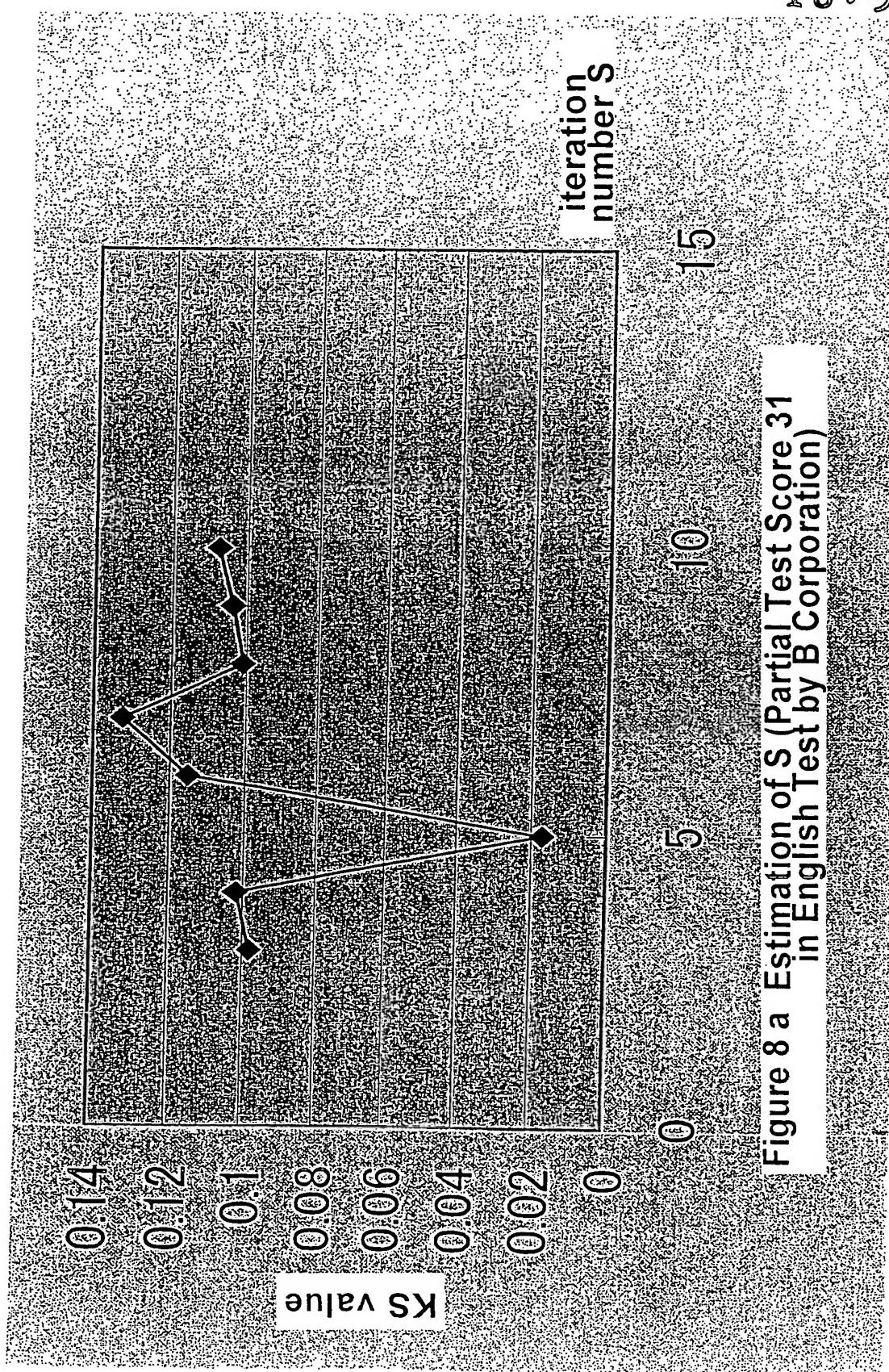


Figure 8 a ESTIMATION OF S (PARTIAL TEST SCORE 31)  
in English Test by B Corporation

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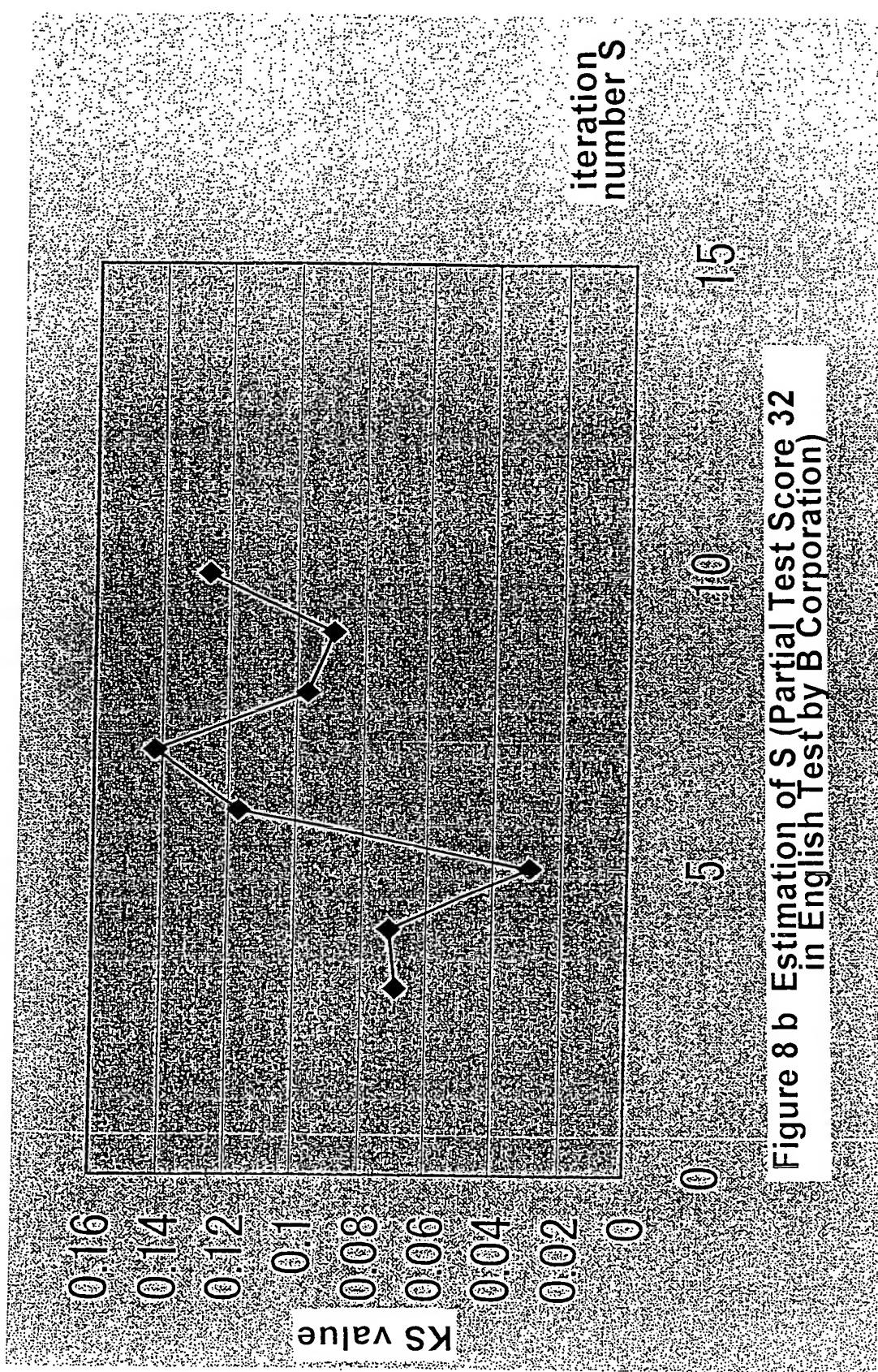


Figure 8 b ESTIMATION OF S (Partial Test Score 32)  
in English Test by B Corporation

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